					STATE ( ARTMENT OF N VISION OF OIL				AMENDED RE	FORM 3		
		APPLI	CATION FO	R PERMIT T	O DRILL			1. WELL NAME and Chap	NUMBER ita Wells Unit 15	52-26D		
2. TYPE O		LL NEW WELL (iii)	REENTER	P&A WELL	DEEPEN WEI	ц		3. FIELD OR WILDCAT  NATURAL BUTTES				
4. TYPE O		Gas We		lbed Methane \				5. UNIT or COMMUNITIZATION AGREEMENT NAME CHAPITA WELLS				
6. NAME (	OF OPERATOR	Gu3 W			Well. NO			7. OPERATOR PHONE				
8. ADDRE	SS OF OPERATO			ources, Inc.				435 781-9111  9. OPERATOR E-MAIL				
10. MINEI	RAL LEASE NUM		East Highway	40, Vernal, UT,	84078 AL OWNERSHI	[P		kaylene_	gardner@eogreso ERSHIP	ources.coi	m	
(FEDERAL	, INDIAN, OR S	<b>ΓΤΑΤΕ)</b> ΓU0285Α		FEDERAL (	INDIAN (	STATE (	FEE	FEDERAL 📵 IN	DIAN 📄 STA	ATE 🔵	FEE 🔵	
13. NAME	OF SURFACE O	WNER (if box 12		14. SURFACE OWN	ER PHONE (if b	ox 12 =	'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')  16. SURFACE OWNER E-MAIL (if box 12 = 'fee')											'fee')	
	N ALLOTTEE O	R TRIBE NAME			D TO COMMING	GLE PRODUCT	TION FROM	19. SLANT				
(if box 12	= 'INDIAN')				(Submit Commir	ngling Applicat	ion) NO 📵	VERTICAL DI	RECTIONAL 📵	HORIZO	ONTAL 🔵	
20. LOCA	TION OF WELL		ı	OOTAGES	Q	QTR-QTR	SECTION	TOWNSHIP	RANGE		IERIDIAN	
LOCATIO	N AT SURFACE		1153	FNL 1702 FEL	-	NWNE	26	9.0 S	22.0 E		S	
<b>Top of Uppermost Producing Zone</b> 1525 F				FNL 1522 FEL	-	SWNE	26	9.0 S	22.0 E		S	
At Total	Depth		1525	FNL 1522 FEL	-	SWNE	26	9.0 S	22.0 E		S	
21. COUN		JINTAH		22. DISTAI	NCE TO NEARES	ST LEASE LIN 1522	IE (Feet)	23. NUMBER OF AC	CRES IN DRILLI 1800	NG UNIT		
					NCE TO NEARES or Drilling or Co		SAME POOL	26. PROPOSED DEI	PTH 0: 9337 TVD: 9	9305		
27. ELEVA	TION - GROUN	D LEVEL		28. BOND I		290		29. SOURCE OF DR WATER RIGHTS AP			PLICABLE	
		5019				M2308			49-225			
			_	Hole,	Casing, and	Cement Inf	ormation					
String	Hole Size	Casing Size	Length		Grade &		Max Mud Wt.	Cement	Sacks	Yield	Weight	
Surf	12.25	9.625	0 - 225	36.0	J-55 S	ST&C	0.0	Type III	135	4.1	10.5	
								Type V	135	1.18	15.6	
Prod	7.875	4.5	0 - 933	7 11.6	N-80	LT&C	10.5	Light (Hibon	d) 310	1.61	12.5	
								50/50 Poz	795	1.47	13.5	
					ATTAC	CHMENTS						
	VERIFY TH	E FOLLOWING	ARE ATTAC	HED IN ACC	CORDANCE W	VITH THE U	TAH OIL AND G	AS CONSERVATI	ON GENERAL	RULES	i	
<b>W</b> WE	ELL PLAT OR MA	AP PREPARED BY	LICENSED S	JRVEYOR OR I	ENGINEER	€ сом	IPLETE DRILLING	PLAN				
AFF	IDAVIT OF STA	TUS OF SURFACE	E OWNER AGI	REEMENT (IF I	FEE SURFACE)	FOR	M 5. IF OPERATOR	R IS OTHER THAN T	HE LEASE OWN	ER		
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)							OGRAPHICAL MAF	,				
NAME Nanette Lupcho TITLE Regulatory Assistant							<b>PHONE</b> 435 781-	9157				
SIGNATU	JRE		DAT	<b>E</b> 11/03/2011			EMAIL Nanette_	_upcho@EOGResourc	es.com			
	<b>BER ASSIGNED</b> 475214900		АРБ	ROVAL			Permit	Manager				



#### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D, CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1	560-26D	CWU 1	561-26D	CWU 1	562-26D	CWU 1	563-26D
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1575	1597	1580	1590	1550	1561	1534	1553
Birdsnest	1715	1741	1716	1728	1707	1720	1702	1726
Mahogany Oil Shale Bed	2268	2312	2279	2297	2271	2293	2255	2296
Wasatch	4609	4661	4632	4657	4605	4637	4611	4672
Chapita Wells	5197	5249	5219	5243	5187	5219	5187	5249
Buck Canyon	5842	5894	5877	5902	5839	5870	5849	5910
North Horn	6571	6624	6582	6607	6556	6588	6548	6609
KMV Price River	6944	6996	6973	6998	6933	6965	6935	6997
KMV Price River Middle	7811	7863	7837	7862	7803	7835	7806	7868
KMV Price River Lower	8608	8660	8632	8657	8602	8634	8607	8668
Sego	9065	9117	9140	9165	9105	9137	9110	9171
TD	9265	9317	9340	9365	9305	9337	9310	9371
ANTICIPATED BHP (PSI)	50	5059		5100		5081		83

	CWU 1	564-26D	CWU 1	565-26D	CWU 1	1566-26D		
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1544	1554	1554	1568	1520	1558		
Birdsnest	1707	1718	1710	1728	1698	1745		
Mahogany Oil Shale Bed	2274	2293	2276	2304	2256	2332		
Wasatch	4632	4656	4635	4672	4615	4734		
Chapita Wells	5213	5237	5215	5252	5187	5306		
Buck Canyon	5883	5907	5888	5926	5854	5973		
North Horn	6565	6590	6564	6602	6543	6662		
KMV Price River	6971	6995	6974	7012	6936	7055		
KMV Price River Middle	7836	7861	7840	7877	7807	7926		
KMV Price River Lower	8635	8660	8639	8676	8607	8726		
Sego	9135	9159	9140	9178	9105	9224		
TD	9335	9359	9340	9378	9305	9424		
ANTICIPATED BHP (PSI)	5097		5100		5081			

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 1,600 ft  $\pm$ .
- 2. Cement to be installed to surface of the well isolating all zones.



## DRILLING PLAN MULTI-WELL PAD:

#### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D, CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 – 2,250'± MD	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – MTD	4 1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2250' MD shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

#### 5. FLOAT EQUIPMENT:

#### Surface Casing (0'- ±2250' MD):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints, 2 at KOP. (10 total)

#### <u>Production Casing (0' – MTD):</u>

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Turbulizers to be placed 5' above shoe on joint #1, middle of joint #2 and #3. Centralizers starting on joint #4 and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.



#### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D, CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2250'± MD):

Air/Air mist/Aerated water

or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

#### **Production Hole Procedure (2250'± - MTD):**

Anticipated mud weight 9.5-10.5 ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).



#### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D, CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 8. EVALUATION PROGRAM:

Open-hole Logs: None

**Cased-hole Logs**: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

**Cement Bond / Casing Collar Locator and Gamma Ray** 

#### 9. CEMENT PROGRAM:

#### Surface Casing (0'- ±2250' MD):

**Lead:** Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

135 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset

(Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg,

4.10 cfps, 26.88 gps fresh water

Tail: Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

135 sx. HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps

fresh water

**Top Out:** As necessary with:

HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps

fresh water

Note: The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.



#### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D, CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### **Production Casing (0' - MTD):**

**Lead:** Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe @ ±2250' MD. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well MTD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive) + 2% Microbond (Expansion Additive)

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 200 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 235 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 275 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 310 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

305 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water

**Tail:** Tail volume to be calculated to bring cement from MTD to 400' above top of Wasatch Formation. Tail cement will be:

795 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), + 0.2% HR-5 (Retarder), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water

Note: The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

#### 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2250'± MD):

Lost circulation

#### Production Hole (2250'± - MTD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.



#### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D, CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

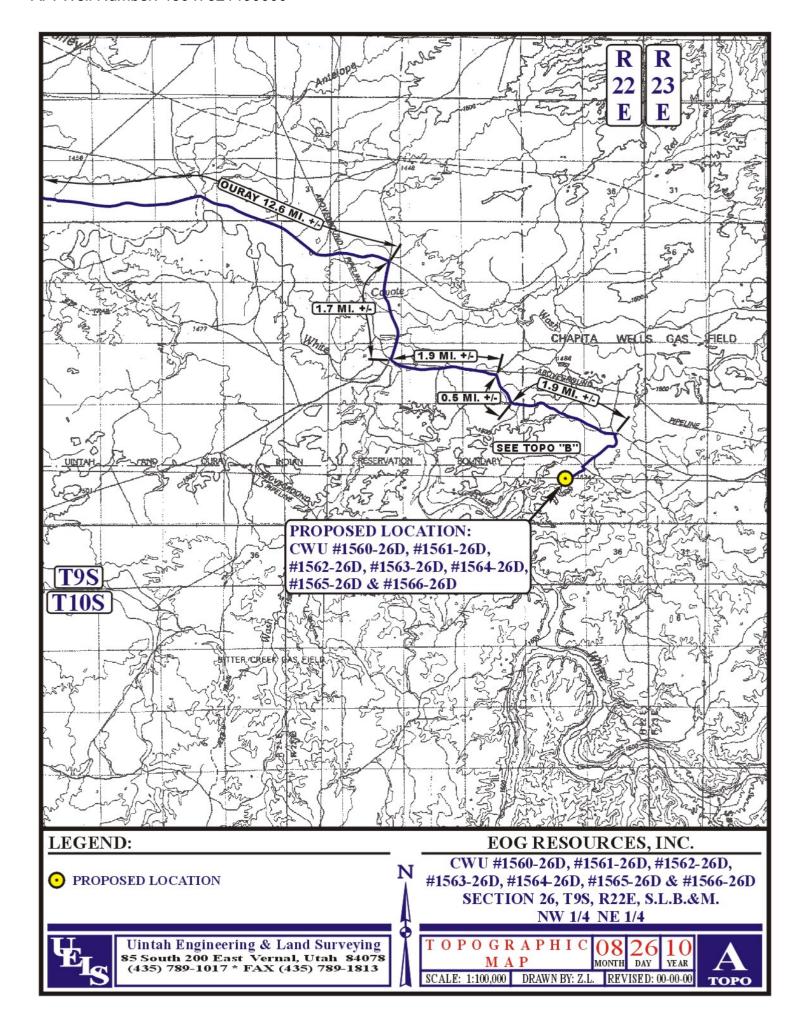
#### 13. Air Drilling Operations:

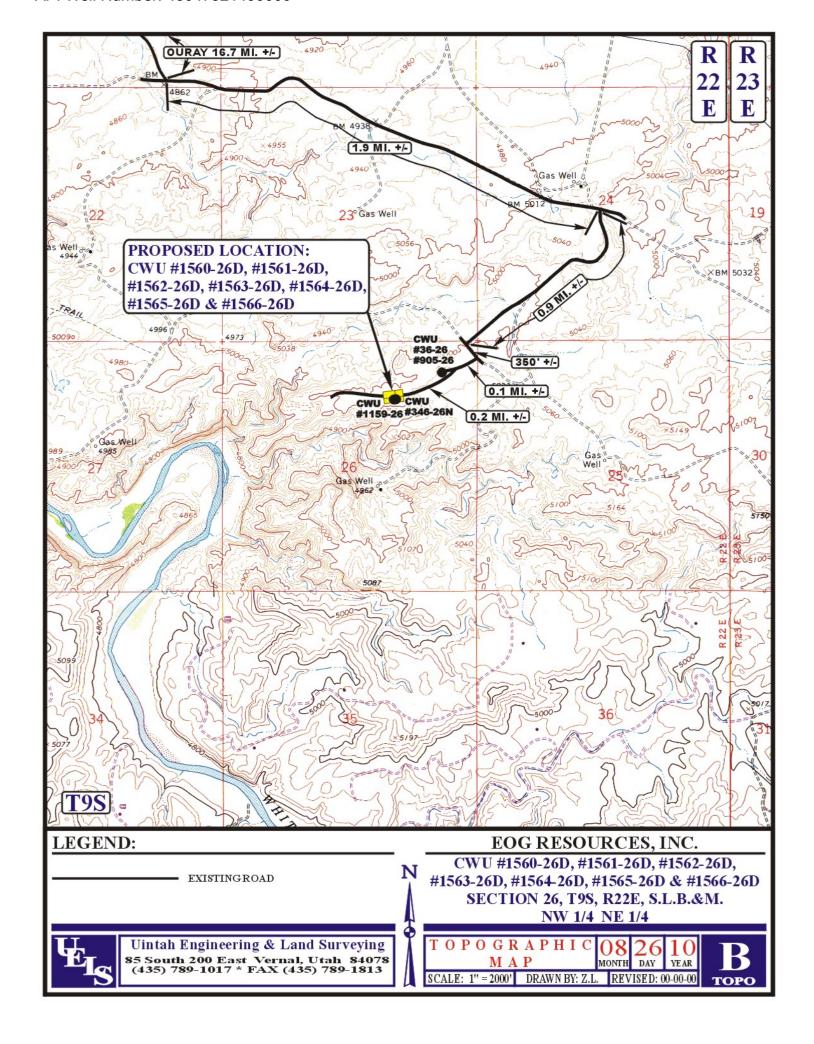
- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

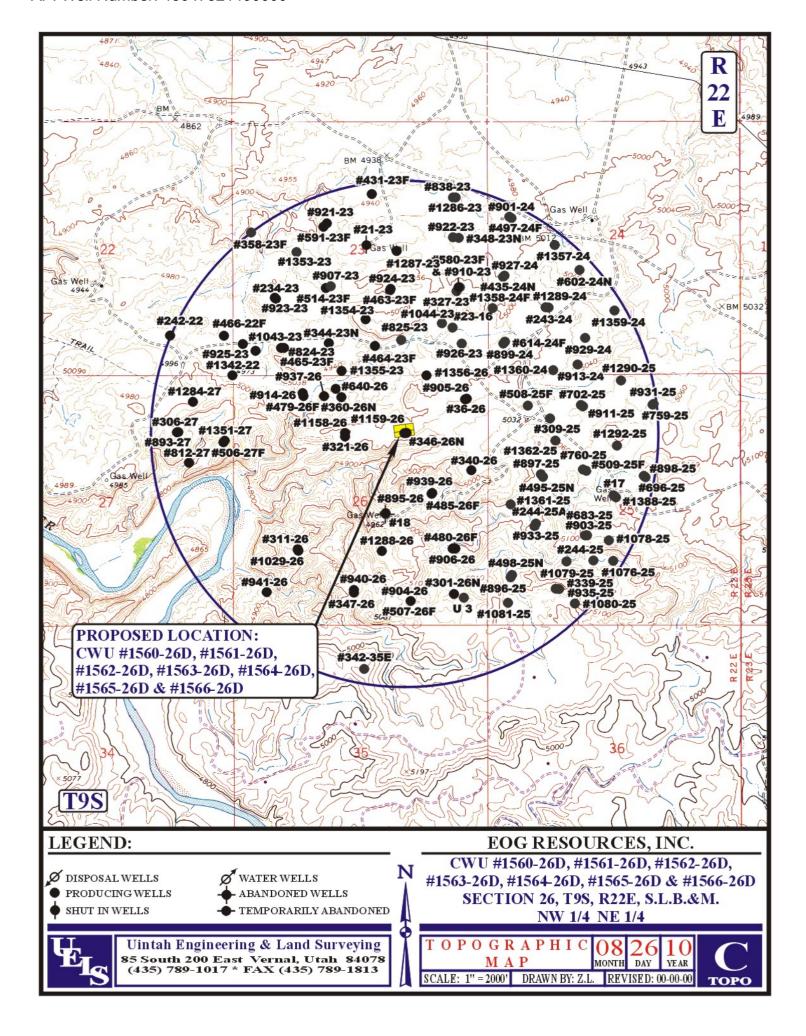
(Attachment: BOP Schematic Diagram)

#### EOG RESOURCES, INC. Well location, CWU #1562-26D, located as shown T9S, R22E, S.L.B.&M. in the NW 1/4 NE 1/4 of Section 26, T9S, R22E, S.L.B.&M., Uintah County, Utah. S89°56'44"W - 2653.38' (Meas.) S89°57'00"W - 2652.95' (Meas.) 1977 Brass Cap Brass Cap 1977 Brass Cap BASIS OF ELEVATION BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, CWU #1562-26D QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES Elev. Ungraded Ground = 5019' DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID 1702 ELEVATION IS MARKED AS BEING 4697 FEET. 1522 Bottom Hole 💁 LINE TABLE LINE **BEARING LENGTH** S25°57'27"E 413.44 Brass Cap ~445.50' (G.L.O.) 26 1977 Brass Cap 0.8' High, Pile of Stones SCALE CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PM FIELD NOTES OF ACTUAL SURVEYS MASS BY ME OR UNDER MY SUPERVISION AND THAT THE SAME AND TRUE AND CORRECT BEST OF MY KNOWLEDGE AND BELIEF 1977 Brass Cap 0.4' High, Steel Post, Pile of Stones Brass Cap UINTAH ENGINEERING & LAND SURVEYING S89°53'21"W - 2663.95' (Meas.) S89°45'12"W - 2650.56' (Meas. 85 SOUTH 200 EAST - VERNAL UTAH 84078 BASIS OF BEARINGS (435) 789-1017BASIS OF BEARINGS IS A G.P.S. OBSERVATION. DATE SURVEYED: SCALE DATE DRAWN: \_EGEND: 1" = 1000'08-10-10 08-12-10 NAD 83 (TARGET BOTTOM HOLE) NAD 83 (SURFACE LOCATION) REFERENCES PARTY = 90° SYMBOL LATITUDE = $40^{\circ}00'36.19"$ (40.010053) LATITUDE = $40^{\circ}00'39.86"$ (40.011072) B.B. B.H. G.L.O. PLAT LONGITUDE = $109^{2}4'11.43''$ (109.403175) LONGITUDE = 109°24'13.75" (109.403819) = PROPOSED WELL HEAD. NAD 27 (TARGET BOTTOM HOLE) NAD 27 (SURFACE LOCATION) FILE WEATHER LATITUDE = $40^{\circ}00'36.31''$ (40.010088) LATITUDE = $40^{\circ}00'39.98''$ (40.011106) HOT = SECTION CORNERS LOCATED EOG RESOURCES, INC. LONGITUDE = $109^{\circ}24'08.97"$ (109.402494) LONGITUDE = $109^{2}4'11.29''$ (109.403136)

**RECEIVED:** November 03, 2011

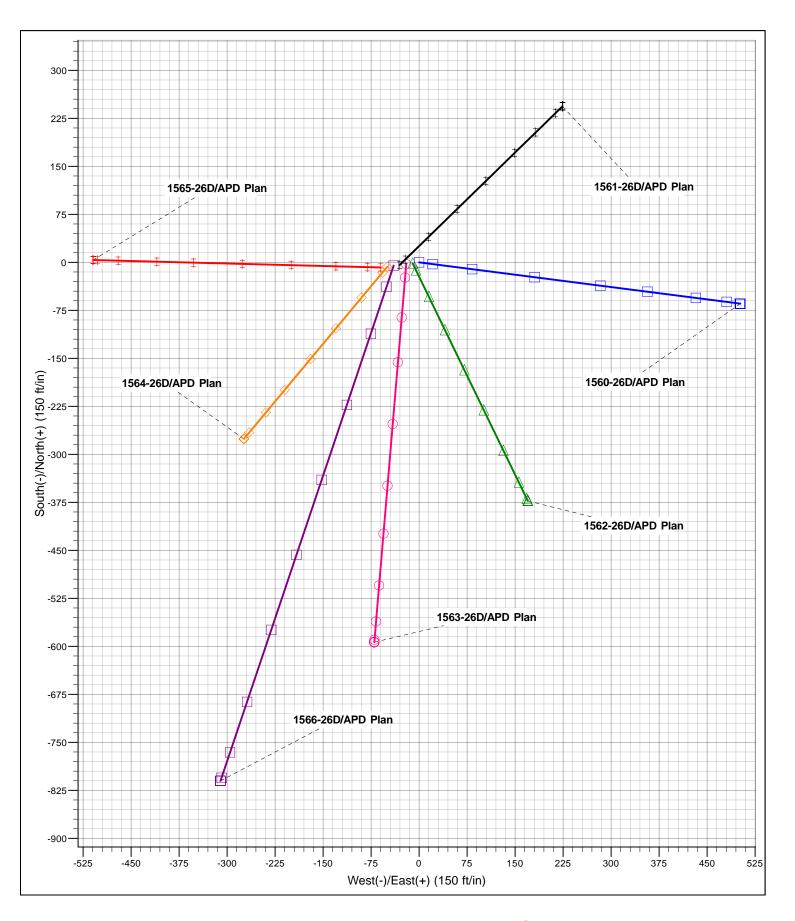


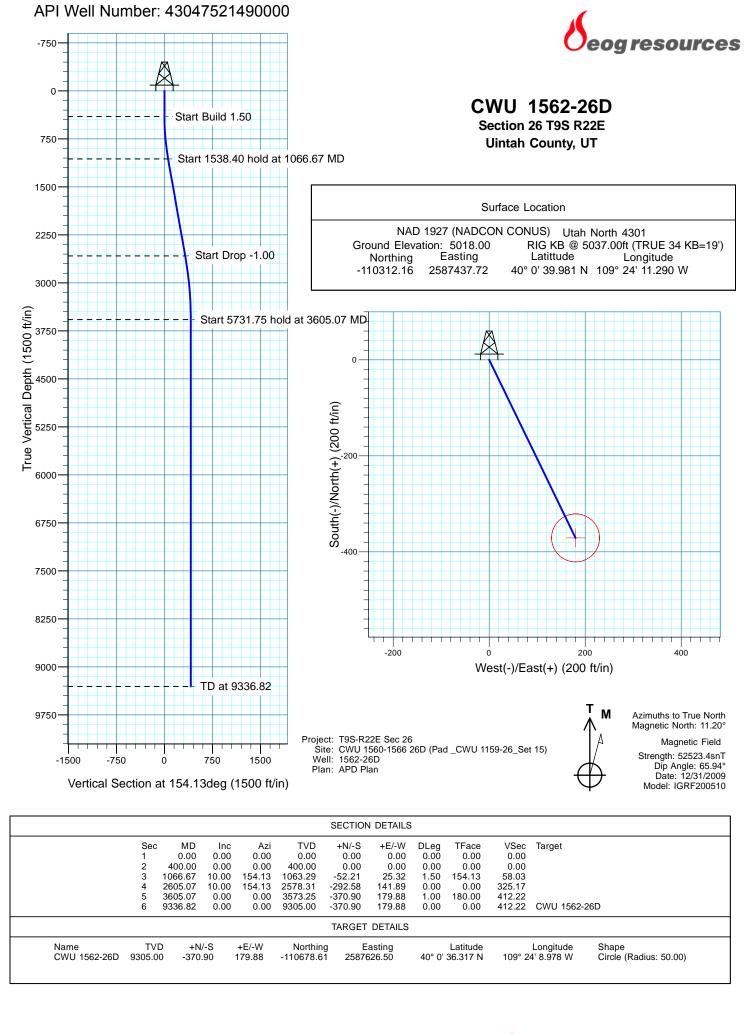




### CWU 1560-26D, CWU 1561-26D, CWU 1562-26D CWU 1563-26D, CWU 1564-26D, CWU 1565-26D, CWU 1566-26D

NW/NE, SEC. 26 T9S, R22E, S.L.B. & M. UINTAH COUNTY, UTAH





### **Denver Division - Utah**

T9S-R22E Sec 26 CWU 1560-1566 26D (Pad \_CWU 1159-26\_Set 15) 1562-26D Wellbore #1

Plan: APD Plan

# **Standard Planning Report**

11 May, 2011

#### **EOG Resources Inc**

#### Planning Report

Database: EDM

Company: Denver Division - Utah

Project: T9S-R22E Sec 26

Site: CWU 1560-1566 26D (Pad \_CWU 1159-26\_Set 1

Well: 1562-26D
Wellbore: Wellbore #1
Design: APD Plan

Local Co-ordinate Reference:

/D Poterrors

TVD Reference: MD Reference:

North Reference:

**Survey Calculation Method:** 

Well 1562-26D

RIG KB @ 5037.00ft (TRUE 34 KB=19') RIG KB @ 5037.00ft (TRUE 34 KB=19')

True

Minimum Curvature

Project T9S-R22E Sec 26

Map System: US State Plane 1927 (Exact solution)

Geo Datum: NAD 1927 (NADCON CONUS)

Map Zone: Utah North 4301

System Datum: Mean Sea Level

Site CWU 1560-1566 26D (Pad \_CWU 1159-26\_Set 15)

Northing: -110,379.52ft Site Position: Latitude: 40° 0' 39.370 N From: Lat/Long Easting: 2,587,213.46ft Longitude: 109° 24' 14.191 W **Position Uncertainty:** 0.00 ft Slot Radius: **Grid Convergence:** 1.38 deg

Well 1562-26D, PUD=V43

 Well Position
 +N/-S
 0.00 ft
 Northing:
 -110,312.16 ft
 Latitude:
 40° 0′ 39.981 N

 +E/-W
 0.00 ft
 Easting:
 2,587,437.72 ft
 Longitude:
 109° 24′ 11.290 W

 +E/-W
 0.00 ft
 Easting:
 2,587,437.72 ft
 Longitude:
 109° 24′ 11.290 W

 Position Uncertainty
 0.00 ft
 Wellhead Elevation:
 ft
 Ground Level:
 5,018.00 ft

Wellbore #1

 Magnetics
 Model Name
 Sample Date (deg)
 Declination (deg)
 Dip Angle (deg)
 Field Strength (nT)

 IGRF200510
 12/31/2009
 11.20
 65.94
 52,523

**Design** APD Plan

**Audit Notes:** 

Version:Phase:PROTOTYPETie On Depth:0.00

 Vertical Section:
 Depth From (TVD) (ft)
 +N/-S (ft)
 +E/-W (ft)
 Direction (deg)

 0.00
 0.00
 0.00
 154.13

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)	TFO (deg)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,066.67	10.00	154.13	1,063.29	-52.21	25.32	1.50	1.50	0.00	154.13	
2,605.07	10.00	154.13	2,578.31	-292.58	141.89	0.00	0.00	0.00	0.00	
3,605.07	0.00	0.00	3,573.25	-370.90	179.88	1.00	-1.00	0.00	180.00	
9,336.82	0.00	0.00	9,305.00	-370.90	179.88	0.00	0.00	0.00	0.00	CWU 1562-26D

#### **EOG Resources Inc**

**Planning Report** 

Database: EDM

Company: Denver Division - Utah

Project: T9S-R22E Sec 26

Site: CWU 1560-1566 26D (Pad \_CWU 1159-26\_Set 1

Well: 1562-26D
Wellbore: Wellbore #1
Design: APD Plan

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

**Survey Calculation Method:** 

Well 1562-26D

RIG KB @ 5037.00ft (TRUE 34 KB=19')

RIG KB @ 5037.00ft (TRUE 34 KB=19')

True

Minimum Curvature

Design:	PD Plan								
lanned Survey									
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	1.50	154.13	499.99	-1.18	0.57	1.31	1.50	1.50	0.00
600.00	3.00	154.13	599.91	-4.71	2.28	5.23	1.50	1.50	0.00
700.00	4.50	154.13	699.69	-10.59	5.14	11.77	1.50	1.50	0.00
800.00	6.00	154.13	799.27	-18.83	9.13	20.92	1.50	1.50	0.00
900.00	7.50	154.13	898.57	-29.40	14.26	32.68	1.50	1.50	0.00
1,000.00	9.00	154.13	997.54	-42.31	20.52	47.03	1.50	1.50	0.00
1,066.67	10.00	154.13	1,063.29	-52.21	25.32	58.03	1.50	1.50	0.00
1,100.00	10.00	154.13	1,096.11	-57.42	27.85	63.82	0.00	0.00	0.00
1,200.00	10.00	154.13	1,194.59	-73.05	35.43	81.18	0.00	0.00	0.00
1,300.00	10.00	154.13	1,293.08	-88.67	43.00	98.55	0.00	0.00	0.00
1,400.00	10.00	154.13	1,391.56	-104.29	50.58	115.91	0.00	0.00	0.00
1,500.00	10.00	154.13	1,490.04	-119.92	58.16	133.28	0.00	0.00	0.00
1,600.00	10.00	154.13	1,588.52	-135.54	65.74	150.64	0.00	0.00	0.00
1,700.00	10.00	154.13	1,687.00	-151.17	73.31	168.01	0.00	0.00	0.00
1,800.00	10.00	154.13	1,785.48	-166.79	80.89	185.37	0.00	0.00	0.00
1,900.00	10.00	154.13	1,883.96	-182.42	88.47	202.74	0.00	0.00	0.00
2,000.00	10.00	154.13	1,982.44	-198.04	96.05	220.10	0.00	0.00	0.00
2,100.00	10.00	154.13	2,080.92	-213.66	103.62	237.47	0.00	0.00	0.00
2,200.00	10.00	154.13	2,179.40	-229.29	111.20	254.83	0.00	0.00	0.00
2,300.00	10.00	154.13	2,277.88	-244.91	118.78	272.20	0.00	0.00	0.00
2,400.00	10.00	154.13	2,376.36	-260.54	126.35	289.56	0.00	0.00	0.00
2,500.00	10.00	154.13	2,474.84	-276.16	133.93	306.93	0.00	0.00	0.00
2,600.00	10.00	154.13	2,573.33	-291.79	141.51	324.29	0.00	0.00	0.00
2,605.07	10.00	154.13	2,578.31	-292.58	141.89	325.17	0.00	0.00	0.00
2,700.00	9.05	154.13	2,671.94	-306.71	148.75	340.88	1.00	-1.00	0.00
2,800.00	8.05	154.13	2,770.83	-320.09	155.24	355.75	1.00	-1.00	0.00
2,900.00	7.05	154.13	2,869.96	-331.91	160.97	368.89	1.00	-1.00	0.00
3,000.00	6.05	154.13	2,969.30	-342.18	165.95	380.30	1.00	-1.00	0.00
3,100.00	5.05	154.13	3,068.83	-350.88	170.17	389.97	1.00	-1.00	0.00
3,200.00	4.05	154.13	3,168.52	-358.02	173.63	397.90	1.00	-1.00	0.00
3,300.00	3.05	154.13	3,268.32	-363.59	176.33	404.10	1.00	-1.00	0.00
3,400.00	2.05	154.13	3,368.22	-367.60	178.28	408.55	1.00	-1.00	0.00
3,500.00	1.05	154.13	3,468.19	-370.03	179.46	411.25	1.00	-1.00	0.00
3,600.00	0.05	154.13	3,568.18	-370.90	179.88	412.21	1.00	-1.00	0.00
3,605.07	0.00	0.00	3,573.25	-370.90	179.88	412.22	1.00	-1.00	0.00
3,700.00	0.00	0.00	3,668.18	-370.90	179.88	412.22	0.00	0.00	0.00
3,800.00	0.00	0.00	3,768.18	-370.90	179.88	412.22	0.00	0.00	0.00
3,900.00	0.00	0.00	3,868.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,000.00	0.00	0.00	3,968.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,100.00	0.00	0.00	4,068.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,200.00	0.00	0.00	4,168.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,300.00	0.00	0.00	4,268.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,400.00	0.00	0.00	4,368.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,500.00	0.00	0.00	4,468.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,600.00	0.00	0.00	4,568.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,700.00	0.00	0.00	4,668.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,800.00	0.00	0.00	4,768.18	-370.90	179.88	412.22	0.00	0.00	0.00
4,900.00	0.00	0.00	4,868.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,000.00	0.00	0.00	4,968.18	-370.90	179.88	412.22	0.00	0.00	0.00

#### **EOG Resources Inc**

#### Planning Report

Database: EDM

Company: Denver Division - Utah Project: T9S-R22E Sec 26

Site: CWU 1560-1566 26D (Pad \_CWU 1159-26\_Set 1

Well: 1562-26D Wellbore: Wellbore #1 Design: APD Plan Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well 1562-26D

RIG KB @ 5037.00ft (TRUE 34 KB=19') RIG KB @ 5037.00ft (TRUE 34 KB=19')

True

Minimum Curvature

lanned Survey									
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
5,100.00	0.00	0.00	5,068.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,200.00	0.00	0.00	5,168.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,300.00	0.00	0.00	5,268.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,400.00	0.00	0.00	5,368.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,500.00	0.00	0.00	5,468.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,600.00	0.00	0.00	5,568.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,700.00	0.00	0.00	5,668.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,800.00	0.00	0.00	5,768.18	-370.90	179.88	412.22	0.00	0.00	0.00
5,900.00	0.00	0.00	5,868.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,000.00	0.00	0.00	5,968.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,100.00	0.00	0.00	6,068.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,200.00	0.00	0.00	6,168.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,300.00	0.00	0.00	6,268.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,400.00	0.00	0.00	6,368.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,500.00	0.00	0.00	6,468.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,600.00	0.00	0.00	6,568.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,700.00	0.00	0.00	6,668.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,800.00	0.00	0.00	6,768.18	-370.90	179.88	412.22	0.00	0.00	0.00
6,900.00	0.00	0.00	6,868.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,000.00	0.00	0.00	6,968.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,100.00	0.00	0.00	7,068.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,200.00	0.00	0.00	7,168.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,300.00	0.00	0.00	7,268.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,400.00	0.00	0.00	7,368.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,500.00	0.00	0.00	7,468.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,600.00	0.00	0.00	7,568.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,700.00	0.00	0.00	7,668.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,800.00	0.00	0.00	7,768.18	-370.90	179.88	412.22	0.00	0.00	0.00
7,900.00	0.00	0.00	7,868.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,000.00	0.00	0.00	7,968.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,100.00	0.00	0.00	8,068.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,200.00	0.00	0.00	8,168.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,300.00	0.00	0.00	8,268.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,400.00	0.00	0.00	8,368.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,500.00	0.00	0.00	8,468.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,600.00	0.00	0.00	8,568.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,700.00	0.00	0.00	8,668.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,800.00	0.00	0.00	8,768.18	-370.90	179.88	412.22	0.00	0.00	0.00
8,900.00	0.00	0.00	8,868.18	-370.90	179.88	412.22	0.00	0.00	0.00
9,000.00	0.00	0.00	8,968.18	-370.90	179.88	412.22	0.00	0.00	0.00
9,100.00	0.00	0.00	9,068.18	-370.90	179.88	412.22	0.00	0.00	0.00
9,200.00	0.00	0.00	9,168.18	-370.90	179.88	412.22	0.00	0.00	0.00
9,300.00	0.00	0.00	9,268.18	-370.90	179.88	412.22	0.00	0.00	0.00
9,336.82	0.00	0.00	9,305.00	-370.90	179.88	412.22	0.00	0.00	0.00
CWU 1562	-20D								

#### **EOG** Resources Inc

**Planning Report** 

Database: EDM

Company: Denver Division - Utah Project: T9S-R22E Sec 26

Site: CWU 1560-1566 26D (Pad \_CWU 1159-26\_Set 1

Well: 1562-26D Wellbore: Wellbore #1 Design: APD Plan Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well 1562-26D

RIG KB @ 5037.00ft (TRUE 34 KB=19') RIG KB @ 5037.00ft (TRUE 34 KB=19')

True

Minimum Curvature

Targets									
Target Name - hit/miss target - Shape	Dip Angle (deg)	Dip Dir. (deg)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
CWU 1562-26D - plan hits target - Circle (radius 5		0.00	9,305.00	-370.90	179.88	-110,678.61	2,587,626.50	40° 0' 36.317 N	109° 24' 8.978 W



### Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D NW/NE, Section 26, T9S, R22E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 410 feet long with a 250-foot width, containing 2.35 acres more or less. New surface disturbance associated with the well pad is estimated to be approximately 1.75 acres.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 50.9 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. No new access road will be required; existing access road for the Chapita Wells Unit 1159-26 and Chapita Wells Unit 346-26N will be utilized. See attached Topo B.
- B. No turnouts will be required.
- C. No bridges, or major cuts and fills will be required.
- D. No gates, cattleguards, or fences will be required or encountered.
- E. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

**RECEIVED:** November 03, 2011

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 2

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, four to six (4-6) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. No off well pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 1159-26 and Chapita Wells Unit 346-26 will be used.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 3

- 5. Proposed pipeline will be laid on surface.
- 6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

Containment berms will be constructed completely around production facilities designed to hold fluids (i.e., production tanks, produced water tanks, and/or heater/treater). The containment berms will be constructed of compacted subsoil, be sufficiently impervious, hold 110 percent of the capacity of the largest tank, and be independent of the back cut.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 4

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility: right-of-way UTU 86010, and UTU 897093, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilled utilizing a closed loop system. The closed loop system will be installed in a manner that prevents leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on the location and access road. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 5

commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

#### 8. Ancillary Facilities:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be seeded with the approved seed mixture from this.

Access to the well pad will be from the east.

The northeast and northwest corner of the well pad will be rounded off to minimize excavation.

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 6

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be reclaimed – See attached Figure #3.

The stockpiled topsoil will then be spread over closed loop area (See Figure #4) and broadcast seeded with the prescribed seed mixture for this location as authorized within EOG's reclamation plan filed September 29, 2009.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.

 A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, State of Utah Antiquities Permit No. U-07-MQ-0201b, on June 2, 2007. A paleontological survey was conducted and submitted by Intermountain Paleo, IPC

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 8

Report # 11-120, on August 22, 2011. A Uintah Basin Hookless Cactus (Sclearochactus Wetlandicus) survey was conducted and will be submitted by Graslands.

#### **Additional Surface Stipulations:**

None

Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 9

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Nanette Lupcho EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

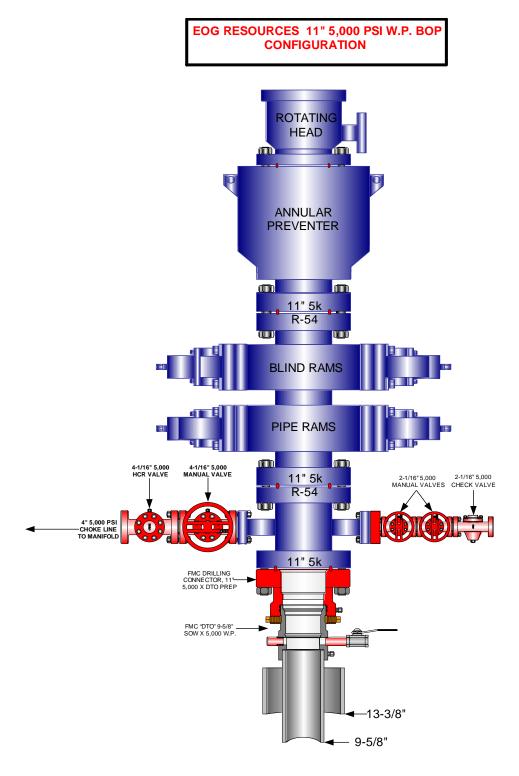
Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Surface Use Plan Page 10

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1560-26D, 1561-26D, 1562-26D, 1563-26D, 1564-26D, 1565-26D, 1566-26D Wells, located in the NWNE, of Section 26, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

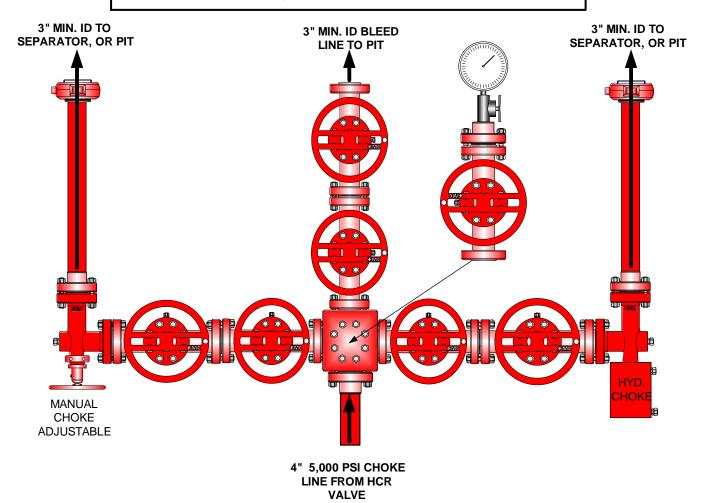
October 26, 2011	
Date	Nanette Lupcho, Regulatory Assistant
Onsite Date: September 28, 2011	



PAGE 1 OF 2

# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

**PAGE 2 0F 2** 



#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# **EOG RESOURCES, INC.** CWU #1560-26D, #1561-26D, #1562-26D,

CWU #1560-26D, #1561-26D, #1562-26D, #1563-26D, #1564-26D, #1565-26D & #1566-26D

LOCATED IN UINTAH COUNTY, UTAH SECTION 26, T98, R22E, S.L.B.&M.

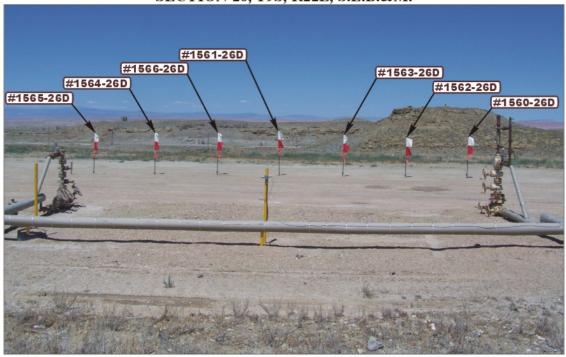


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: NORTHERLY

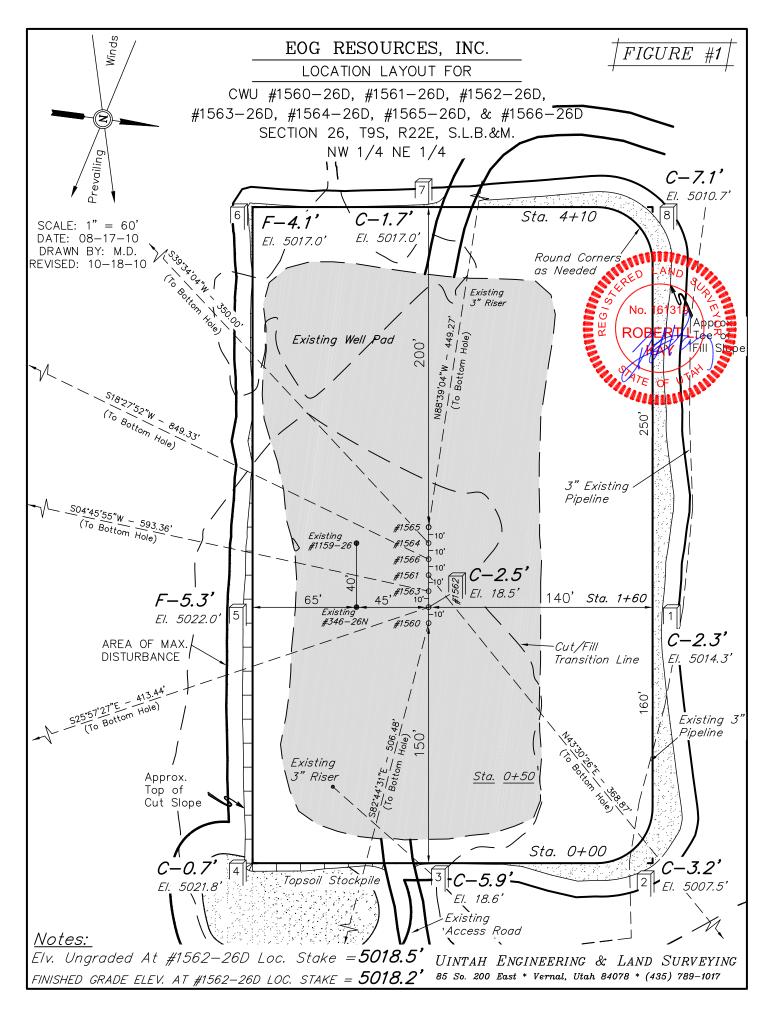


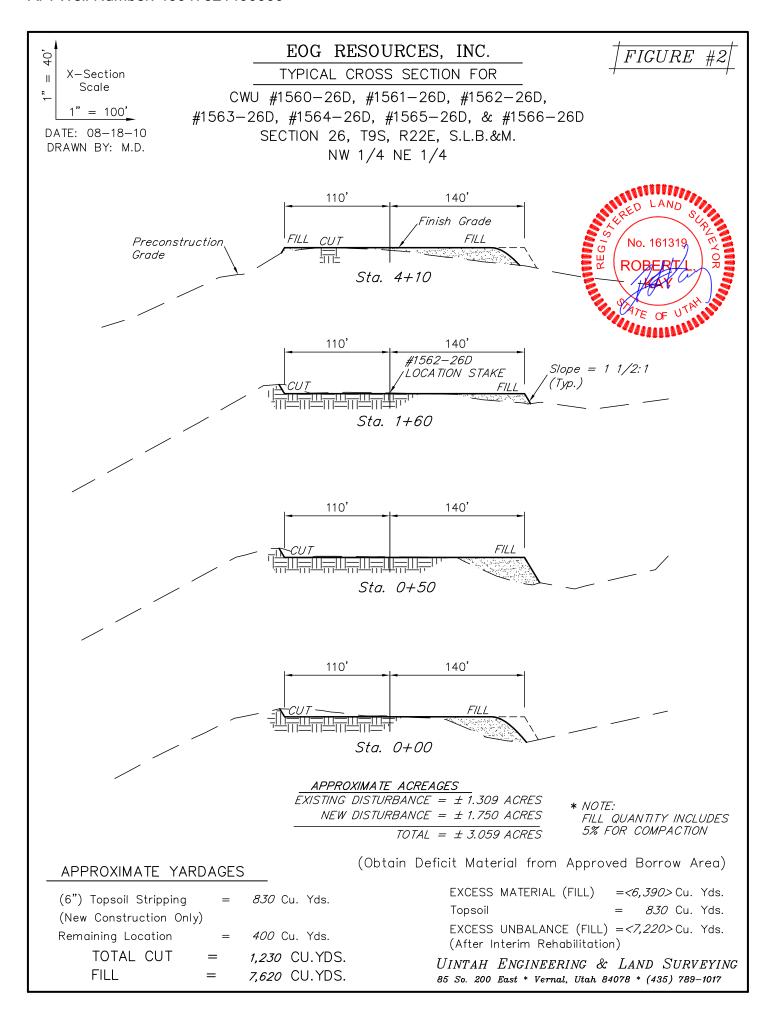
PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY

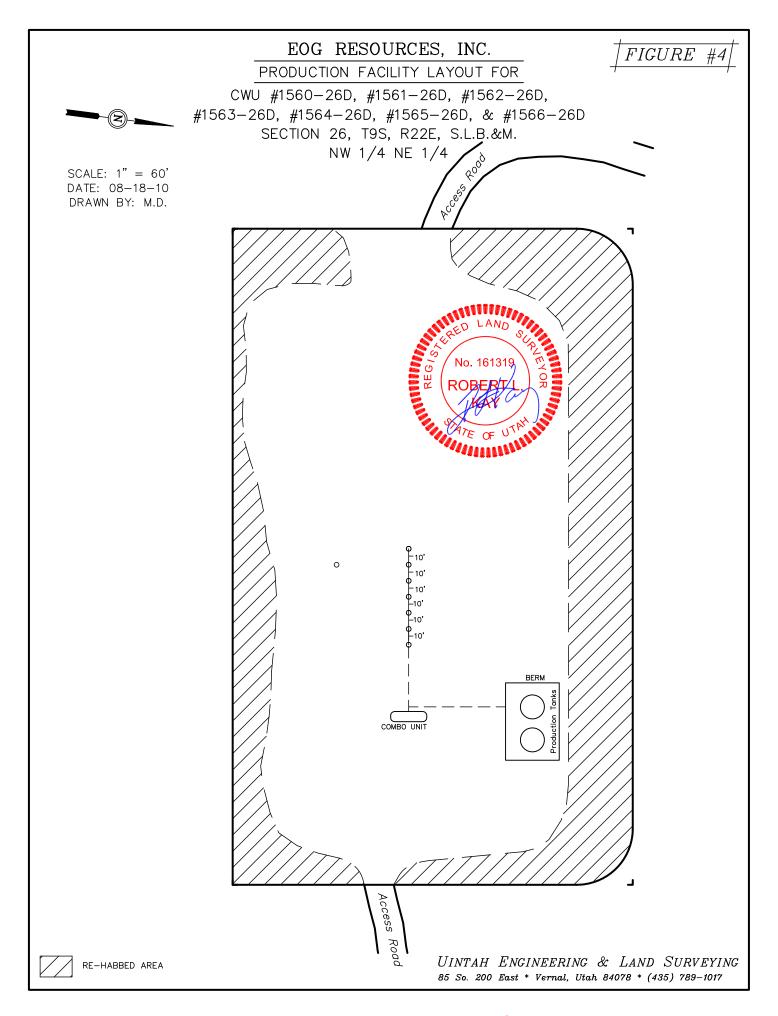


LOCATION					РНОТО
TAKEN BY: B.B.	DRAWN BY: Z.L	. REV	ISED: 0	0-00-00	





### EOG RESOURCES, INC. FIGURE #3 TYPICAL RIG LAYOUT FOR CWU #1560-26D, #1561-26D, #1562-26D, #1563-26D, #1564-26D, #1565-26D, & #1566-26D SECTION 26, T9S, R22E, S.L.B.&M. NW 1/4 NE 1/4 No. 16131 SCALE: 1" = 60'DATE: 08-18-10 DRAWN BY: M.D. DATA 200, CATWALK PIPE RACKS DOG HOUSE RIG TRAILER 10' ,04 PUMP 45' 65' 140' TOILET 🗌 MUD SHED FUEL HOPPER POWER TOOLS FUEL STORAGE UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



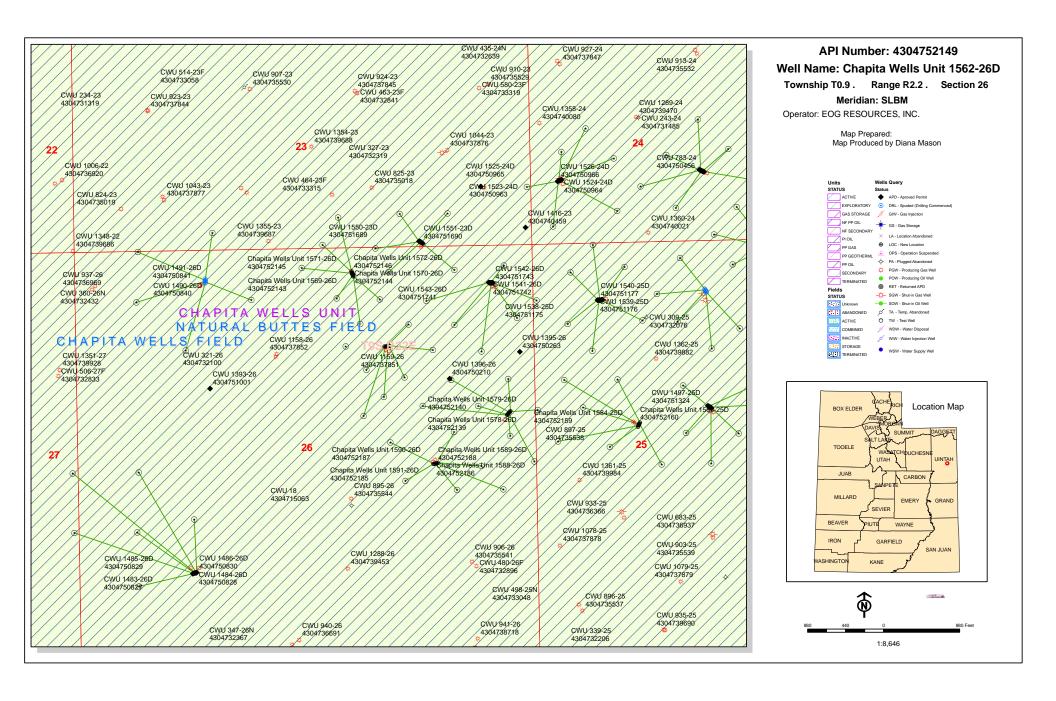
### EOG RESOURCES, INC.

CWU #1560-26D, #1561-26D, #1562-26D, #1563-26D, #1564-26D, #1565-26D & #1566-26D SECTION 26, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88: EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: AND PROCEED IN SOUTHEASTERLY LEFT Α DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN RIGHT AND PROCEED IN A SOUTHERLY. SOUTHWESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: LEFT AND PROCEED IN Α SOUTHEASTERLY DIRECTION APPROXIMATELY 350' TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; LEFT AND PROCEED IN A SOUTHWESTERLY APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.9 MILES.

**RECEIVED:** November 03, 2011



API Well Number: 43047521490000

# **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 4, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MESA VERDE)

#### PAD SENE 26

43-047-52134 CWU 1573-26D Sec 26 T09S R22E 1987 FNL 0341 FEL BHL Sec 26 T09S R22E 1860 FNL 1318 FEL 43-047-52135 CWU 1574-26D Sec 26 T09S R22E 1980 FNL 0335 FEL BHL Sec 26 T09S R22E 1873 FNL 0676 FEL 43-047-52136 CWU 1575-26D Sec 26 T09S R22E 1958 FNL 0315 FEL BHL Sec 26 T09S R22E 1563 FNL 0979 FEL 43-047-52137 CWU 1576-26D Sec 26 T09S R22E 1943 FNL 0301 FEL BHL Sec 26 T09S R22E 1566 FNL 0322 FEL 43-047-52138 CWU 1577-26D Sec 26 T09S R22E 1950 FNL 0308 FEL BHL Sec 25 T09S R22E 1933 FNL 0014 FWL 43-047-52139 CWU 1578-26D Sec 26 T09S R22E 1972 FNL 0328 FEL BHL Sec 26 T09S R22E 2228 FNL 0309 FEL 43-047-52140 CWU 1579-26D Sec 26 T09S R22E 1965 FNL 0321 FEL BHL Sec 26 T09S R22E 2529 FNL 0033 FEL PAD NWNE 26 43-047-52141 CWU 1567-26D Sec 26 T09S R22E 0331 FNL 2103 FEL BHL Sec 26 T09S R22E 0611 FNL 1794 FEL 43-047-52142 CWU 1568-26D Sec 26 T09S R22E 0340 FNL 2100 FEL BHL Sec 26 T09S R22E 0894 FNL 2030 FEL

Page 2

API#	WI	ELL NAME				LOC	CATION					
(Proposed PZ	MESA	A VERDE)										
<b>PAD NWNE 26</b> 43-047-52143	CWU					R22E R22E						
43-047-52144	CWU					R22E R22E						
43-047-52145	CWU					R22E R22E						
43-047-52146						R22E R22E						
<b>PAD NWNE (2) 2</b> 43-047-52147		1560-26D	Sac	26	т∩ас	D22F	1152	FNT	1692	FFI		
13 047 32147	CWO					R22E						
43-047-52148	CWU					R22E R22E						
43-047-52149	CWU					R22E R22E						
43-047-52150	CWU					R22E R22E						
43-047-52152	CWU					R22E R22E						
PAD SWNW 25												
43-047-52155	CWU					R22E R22E						
43-047-52156	CWU					R22E R22E						
43-047-52157	CWU					R22E R22E						
43-047-52158	CWU					R22E R22E						
43-047-52159	CWU					R22E R22E						
43-047-52160	CWU					R22E R22E						
This offictime.	e ha	as no ob	ject	cio	n to	perm	nitti	ing	the	wells	at	this



API Well Number: 43047521490000

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:11-4-11

API Well Number: 43047521490000

#### WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 11/3/2011 API NO. ASSIGNED: 43047521490000

WELL NAME: Chapita Wells Unit 1562-26D OPERATOR: EOG Resources, Inc. (N9550)

**CONTACT:** Nanette Lupcho

PROPOSED LOCATION: NWNE 26 090S 220E **Permit Tech Review:** 

> SURFACE: 1153 FNL 1702 FEL **Engineering Review:**

**BOTTOM:** 1525 FNL 1522 FEL Geology Review:

**COUNTY: UINTAH** 

**LATITUDE:** 40.01109 **LONGITUDE:** -109.40377 **UTM SURF EASTINGS: 636235.00** NORTHINGS: 4430209.00

FIELD NAME: NATURAL BUTTES **LEASE TYPE:** 1 - Federal

**LEASE NUMBER: UTU0285A** PROPOSED PRODUCING FORMATION(S): MESA VERDE SURFACE OWNER: 1 - Federal **COALBED METHANE: NO** 

**RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** 

 PLAT R649-2-3.

Unit: CHAPITA WELLS Bond: FEDERAL - NM2308

**Potash** R649-3-2. General

✓ Oil Shale 190-5

Oil Shale 190-3 R649-3-3. Exception

Oil Shale 190-13 **Drilling Unit** 

Board Cause No: Cause 179-08 Water Permit: 49-225

**Effective Date:** 8/10/1999 **RDCC Review:** 

Siting: Suspends General Siting **Fee Surface Agreement** 

**Intent to Commingle** ▼ R649-3-11. Directional Drill

**Commingling Approved** 

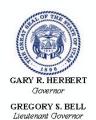
**Comments:** Presite Completed

Stipulations:

4 - Federal Approval - dmason 15 - Directional - dmason 17 - Oil Shale 190-5(b) - dmason

**PHONE NUMBER:** 435 781-9157

API Well No: 43047521490000



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### **Permit To Drill**

\*\*\*\*\*

Well Name: Chapita Wells Unit 1562-26D

**API Well Number:** 43047521490000

Lease Number: UTU0285A Surface Owner: FEDERAL Approval Date: 11/21/2011

#### Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-08. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

API Well No: 43047521490000

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

#### **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

For John Rogers Associate Director, Oil & Gas

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

NOV 0 2 2011

5. Lease Serial No. UTU0285A

1a. Type of Work: 🛛 DRILL 🔲 REENTER			7. If Unit or CA Agreemen CHAPITA WELLS U	
1b. Type of Well: ☐ Oil Well    Gas Well ☐ Ot	her 🔲 Single	e Zone 🔯 Multiple Zone	Lease Name and Well N     CHAPITA WELLS UN	o. T 1562-26D
2. Name of Operator Contact:	NANETTE H LUPCH lupcho@eogresources.co	НО	9. API Well No. 43 047 5	2149
3a. Address 1060 EAST HWY 40 VERNAL, UT 84078	3b. Phone No. (include Ph: 435-781-9157	e area code)	10. Field and Pool, or Expl NATURAL BUTTES	
4. Location of Well (Report location clearly and in accorded	ance with any State require	ements.*)	11. Sec., T., R., M., or Blk.	and Survey or Area
At surface NWNE 1153FNL 1702FEL	. 40.011072 N Lat, 10	9.403819 W Lon	Sec 26 T9S R22E M	ler SLB
At proposed prod. zone SWNE 1525FNL 1522FEL	40.010053 N Lat, 10	9.403175 W Lon		
<ol> <li>Distance in miles and direction from nearest town or post 50.9 MILES SOUTH OF VERNAL, UT</li> </ol>	office*		12. County or Parish UINTAH	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>1522'</li> </ol>	16. No. of Acres in Lea	ase	17. Spacing Unit dedicated	to this well
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth		20. BLM/BIA Bond No. on	file
290'	9337 MD 9305 TVD		NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5019 GL	22. Approximate date v	work will start	23. Estimated duration 45 DAYS	
	24. Attac	chments		
The following, completed in accordance with the requirements of the following of the following the f		4. Bond to cover the operation		g bond on file (see
<ul> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ul>		Item 20 above).     Operator certification     Such other site specific infeauthorized officer.	ormation and/or plans as may l	pe required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) NANETTE H LUF	PCHO Ph: 435-781-915	7	Date 11/01/2011
Title REGULATORY ASSISTANT	-			
Approved by (Signature)	Name (Printed/Typed)	Jerry Kenczka		DaMAR 1 5 201
Title Assistant Field Manager	Office VFRN	IAL FIELD OFFICE to those rights in the subject lea		

Additional Operator Remarks (see next page)

**NOTICE OF APPROVAL** 

Electronic Submission #121869 verified by the BLM Well Information System For EOG RESOURCES, INTERPOLATION AND INC.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MAR 2 6 2012

DIV. OF OIL, GAS & MINING \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

RNAL FIELD OFFICE
VERNAL, UT 84078

(435) 781-440



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	EOG Resource, Inc.	Location:	NWNE, Sec. 26, T9S, R22E (S)
			SWNE, Sec. 26, T9S, R22E (B)
Well No:	Chapita Wells Unit 1562-26D	Lease No:	UTU-0285A
API No:	43-047-52149	Agreement:	Chapita Wells Unit

**OFFICE NUMBER:** 

170 South 500 East

(435) 781-4400

**OFFICE FAX NUMBER: (435) 781-3420** 

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <u>ut_vn_opreport@blm.gov</u> .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### **SITE SPECIFICE COAs:**

Company/Operator: <u>EOG Resources</u>, Inc.

Well Number	Lease
1560-26D	UTU-0285A
1561-26D	UTU-0285A
1562-26D	UTU-0285A
1563-26D	UTU-0285A
1564-26D	UTU-0285A
1565-26D	UTU-0285A
1566-26D	UTU-0285A

Location: NWNE Sec, 26 T.9S. R.22E.

Surface Ownership: BLM

Date APD Received: 11/2/11

- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Monitor the <u>initial</u> ground disturbing construction of the well pad by a qualified permitted paleontologist and thereafter <u>spot-monitor</u> the location during the remainder of the construction process. Report all mitigation-curation of vertebrates and other scientifically significant fossils that may be affected by the construction.

Page 3 of 7 Well: CWU 1562-26D 3/12/2012

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs

- Cement for the surface casing shall be circulated to surface and/or topped off.
- Gamma ray Log shall be run from Total Depth to Surface.
- Cement for the production casing must be brought to at least 200' above the surface casing shoe.

#### **Variances Granted:**

#### Air Drilling

- Properly lubricated and maintained rotating head. Variance granted to use a properly maintained and lubricated diverter bowl in place of a rotating head.
- Blooie line discharge 100' from the well bore. Variance granted for blooie line discharge to be 75' from the well bore and may not be straight.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for rig mounted air compressors located within 40' of the well.
- In lieu of mud products on location, operator will have sufficient water on location for the mud kill medium during air drilling operations.
- Automatic igniter. Variance granted for igniter, a diffuser will be used instead. Operator will mount a deflector at the end of the blooie line to change direction and reduce the velocity of the cuttings flow to the reserve pit.
- De-dusting Equipment. Variance granted, dust controlled by water mist during air drilling operations.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order

Page 4 of 7 Well: CWU 1562-26D 3/12/2012

No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or work-over program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled

Page 6 of 7 Well: CWU 1562-26D 3/12/2012

during the drilling, work-over, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or work-over
  equipment shall be removed from a well to be placed in a suspended status without prior approval of
  the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of

Page 7 of 7 Well: CWU 1562-26D 3/12/2012

Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 32268 API Well Number: 43047521490000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOU			FORM 9
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A			
SUNDR	RY NOTICES AND REPORT	SON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1562-26D
2. NAME OF OPERATOR: EOG Resources, Inc.				<b>9. API NUMBER:</b> 43047521490000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	O N , Denver, CO, 80202		NE NUMBER: 35 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1153 FNL 1702 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NWNE Section: 2	HIP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E M	leridian:	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly shore. respectfully requests the well be extended for one	ow all per	) for the referenced	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:  DEPths, volumes, etc.  Approved by the Utah Division of Oil, Gas and Mining  Date: November 21, 2012  By:
NAME (PLEASE PRINT)	PHONE NU	MBER	TITLE	
Kaylene Gardner SIGNATURE	435 781-9111		Regulatory Administrator <b>DATE</b>	
N/A			11/20/2012	

Sundry Number: 32268 API Well Number: 43047521490000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047521490000

API: 43047521490000 Well Name: CWU 1562-26D

Location: 1153 FNL 1702 FEL QTR NWNE SEC 26 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 11/21/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Kaylene Gardner Date: 11/20/2012

Sig

Title: Regulatory Administrator Representing: EOG RESOURCES, INC.

Sundry Number: 44830 API Well Number: 43047521490000

	STATE OF UTAH			FORM 9
[	DEPARTMENT OF NATURAL RESOUL DIVISION OF OIL, GAS, AND M			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDR	Y NOTICES AND REPORTS	S ON V	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1562-26D
2. NAME OF OPERATOR: EOG RESOURCES, INC.				<b>9. API NUMBER:</b> 43047521490000
3. ADDRESS OF OPERATOR: 1060 East Highway 40, Ve	rnal, UT, 84078 435		NE NUMBER: 111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1153 FNL 1702 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNE Section: 2	HP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E Me	eridian: \$	S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	ATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	Па	LTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ cı	HANGE TUBING	CHANGE WELL NAME
11/13/2013	CHANGE WELL STATUS	c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	☐ FF	RACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	□ рі	LUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	□ RI	ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	☐ sı	DETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	TUBING REPAIR	U ve	ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	☐ sı	TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	□ o <sup>.</sup>	THER	OTHER:
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly sho	w all ner	tinent details including dates	
	nc. respectfully requests the well be extended for one	e APD		Approved by the Utah Division of Oil, Gas and Mining
				Date: November 18, 2013
				By: Loggill
NAME (PLEASE PRINT)	PHONE NUM	/BER	TITLE	
Kaylene Gardner	435 781-9111		Regulatory Administrator	
SIGNATURE N/A			<b>DATE</b> 11/13/2013	

Sundry Number: 44830 API Well Number: 43047521490000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047521490000

**API:** 43047521490000 Well Name: CWU 1562-26D

Location: 1153 FNL 1702 FEL QTR NWNE SEC 26 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 11/21/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Kaylene Gardner Date: 11/13/2013

Signature: Kaylene Gardner

Title: Regulatory Administrator Representing: EOG RESOURCES, INC.

Sundry Number: 57999 API Well Number: 43047521490000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizo n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1562-26D
2. NAME OF OPERATOR: EOG RESOURCES, INC.			9. API NUMBER: 43047521490000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	0 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1153 FNL 1702 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E Meri	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
11/19/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	all pertinent details including dates.	depths, volumes, etc.
I .	nc. respectfully requests the		Approved by the
	well be extended for one ye	ear.	Unate Divide to 25 of 2014 Oil, Gas and Mining
			Date:
			By: Basyll
NAME (PLEASE PRINT) Donna J Skinner	PHONE NUMB	ER TITLE Sr. Regulatory Assistant	
SIGNATURE	303 262-9467	DATE	
N/A		11/19/2014	

Sundry Number: 57999 API Well Number: 43047521490000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.

#### Request for Permit Extension Validation Well Number 43047521490000

**API:** 43047521490000 **Well Name:** CWU 1562-26D

Location: 1153 FNL 1702 FEL QTR NWNE SEC 26 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 11/21/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If loc Yes	cated on private land, has the ov	wnership changed, if so, ha	as the surface agreem	ent been updated? 🔵
	e any wells been drilled in the virements for this location?		ll which would affect	the spacing or siting
	there been any unit or other ag osed well? 🔵 Yes 📵 No	reements put in place that	could affect the pern	nitting or operation of thi
	e there been any changes to the osed location?	access route including ow No	vnership, or rightof- v	vay, which could affect th
• Has	the approved source of water fo	or drilling changed? 🔘 🕦	res 📵 No	
	there been any physical chang s from what was discussed at th			n will require a change in
• Is bo	onding still in place, which cove	rs this proposed well? 🌘	Yes 🔵 No	
Signature:	Donna J Skinner	<b>Date:</b> 11/19/2014		

RECEIVED: Nov. 19, 2014

Sundry Number: 67129 API Well Number: 43047521490000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR		FORM 9
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A		
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1562-26D
2. NAME OF OPERATOR: EOG RESOURCES, INC.			9. API NUMBER: 43047521490000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Ve	ernal, UT, 84078 435	PHONE NUMBER: 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1153 FNL 1702 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E Mer	ridian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
10/20/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	_	OTHER	
	WILDCAT WELL DETERMINATION	LI OTHER	OTHER:
EOG RESOURCES	COMPLETED OPERATIONS. Clearly show 5, INC. RESPECTFULLY REQUE NCED WELL BE EXTENDED FO	STS THE APD FOR THE	Approved by the Wetoberi 26,2015 Oil, Gas and Mining
			Date:
			By: Bally Sill
NAME (PLEASE PRINT) Alex Khorram	PHONE NUME	BER TITLE Sr. Assistant Operations	
SIGNATURE	303 824-5591	DATE	
N/A		10/20/2015	

Sundry Number: 67129 API Well Number: 43047521490000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047521490000

**API:** 43047521490000 Well Name: CWU 1562-26D

Location: 1153 FNL 1702 FEL QTR NWNE SEC 26 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 11/21/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of thi proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?   Yes  No
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Alex Khorram Date: 10/20/2015

Signature: Alex Khorram **Date:** 10/20/2015

Title: Sr. Assistant Operations Representing: EOG RESOURCES, INC.



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 8, 2016

Kaylene Gardner EOG Resources, Inc. 600 17th Street, Suite 1000 N Denver, CO 80202

Re: APDs Rescinded for EOG Resources, Inc., Uintah County

Dear Ms. Gardner:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of December 8, 2016.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Mane Il las or L Diana Mason

**Environmental Scientist** 

cc: Well File

Bureau of Land Management, Vernal



43-047-50808 CWU 1408-11 43-047-52134 CWU 1573-26D 43-047-52135 CWU 1574-26D 43-047-52136 CWU 1575-26D 43-047-52137 CWU 1576-26D 43-047-52138 CWU 1577-26D 43-047-52139 CWU 1578-26D 43-047-52140 CWU 1579-26D 43-047-52141 CWU 1567-26D 43-047-52142 CWU 1568-26D 43-047-52143 CWU 1569-26D 43-047-52144 CWU 1570-26D 43-047-52145 CWU 1571-26D 43-047-52146 CWU 1572-26D 43-047-52147 CWU 1560-26D 43-047-52148 CWU 1561-26D 43-047-52149 CWU 1562-26D 43-047-52150 CWU 1563-26D 43-047-52151 CWU 1564-26D 43-047-52152 CWU 1565-26D 43-047-52153 CWU 1566-26D 43-047-50175 CWU 1409-33 43-047-50176 CWU 1407-10